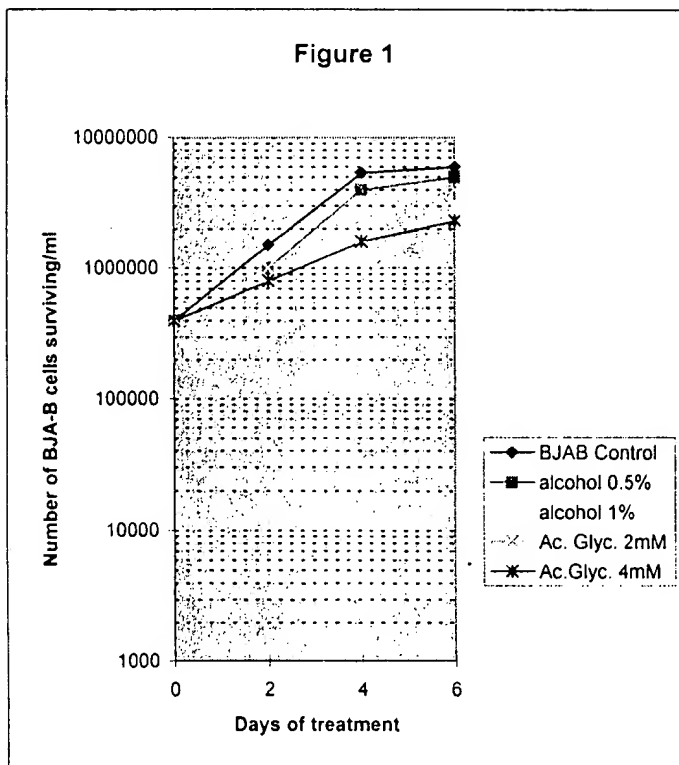


No cells surviving
Days of treatment

	BJAB Control	alcohol 0.5%	alcohol 1%	Ac. Glyc. 2mM	Ac.Glyc. 4mM
0	4.00E+05	4.00E+05	4.00E+05	4.00E+05	4.00E+05
2	1.50E+06	1.00E+06	8.00E+05	1.00E+06	8.00E+05
4	5.40E+06	4.00E+06	1.60E+06	2.40E+06	1.60E+06
6	6.00E+06	5.00E+06	3.00E+06	4.00E+06	2.30E+06

Figure 1



Days of TreatMnt.	BC-3	Alcohol 0.5%	Alcohol 1%	Glyc. Ac. 2mM	Glyc. Ac. 4mM
0	4.00E+05	4.00E+05	4.00E+05	4.00E+05	4.00E+05
2	1.00E+06	8.00E+05	6.00E+05	3.00E+05	6.00E+04
4	2.50E+06	2.50E+06	1.70E+06	7.00E+05	8.00E+03
6	3.00E+06	3.00E+06	2.50E+06	1.00E+06	10

Figure 2

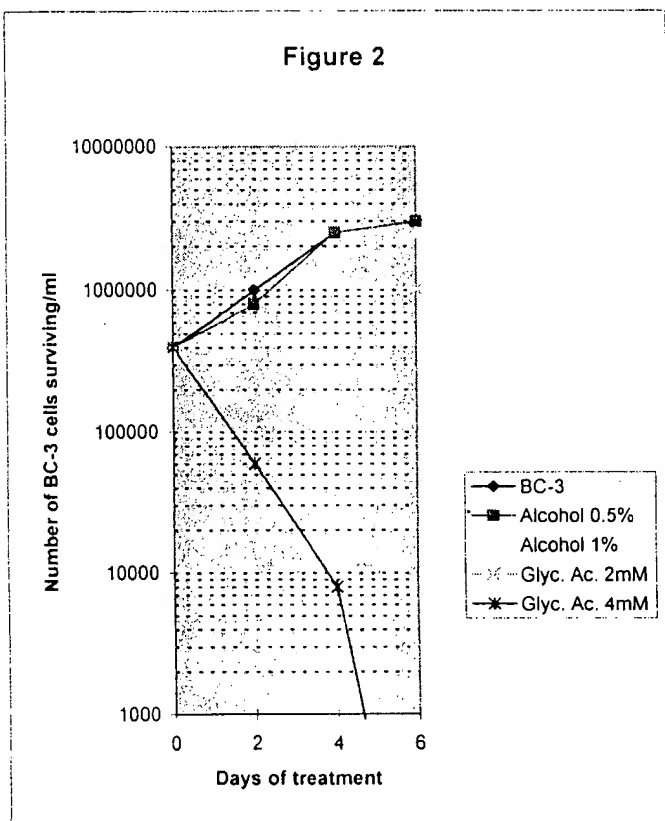
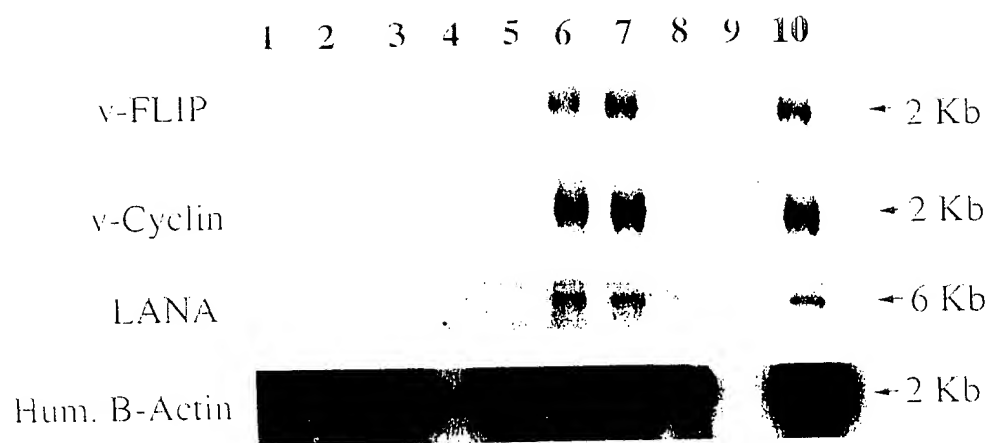
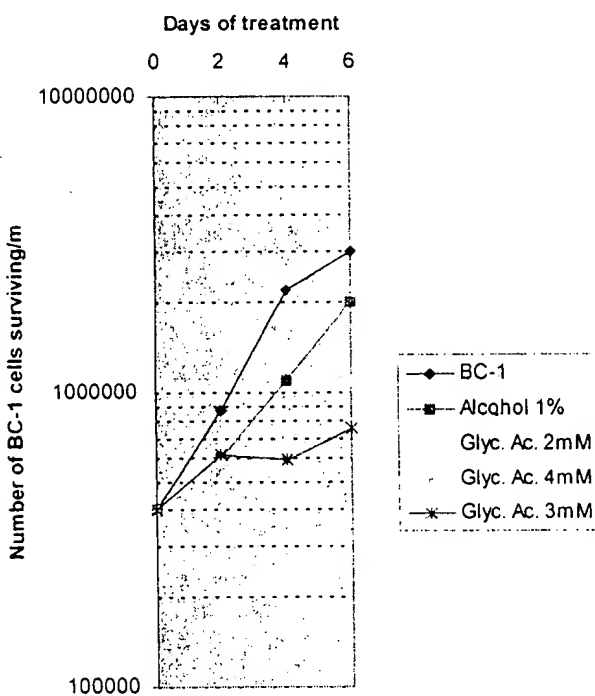


FIGURE 3



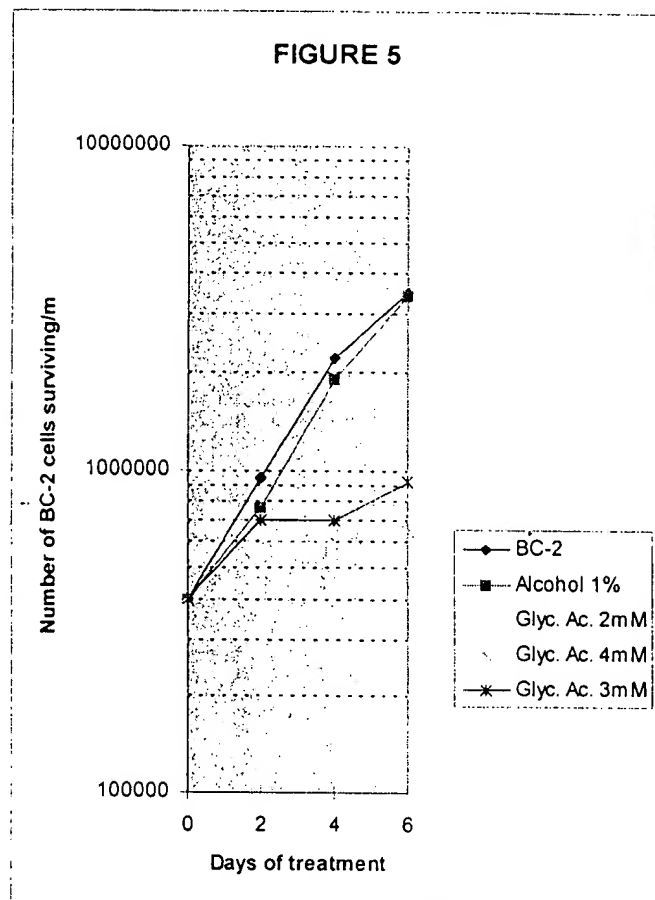
Days of Treatment	BC-1	Alcohol 1%	Glyc. Ac. 2mM	Glyc. Ac. 4mM	Glyc. Ac. 3mM
0	4.00E+05	4.00E+05	4.00E+05	4.00E+05	4.00E+05
2	8.70E+05	6.00E+05	6.00E+05	5.50E+05	6.20E+05
4	2.20E+06	1.10E+06	7.10E+05	3.50E+05	5.90E+05
6	3.00E+06	2.00E+06	1.10E+06	3.50E+05	7.60E+05

FIGURE 4



days of treatment	BC-2	Alcohol 1%	Glyc. Ac. 2mM	Glyc. Ac. 4mM
0	4.00E+05	4.00E+05	4.00E+05	4.00E+05
2	9.40E+05	7.60E+05	6.70E+05	6.00E+05
4	2.20E+06	1.90E+06	1.00E+06	6.00E+05
6	3.50E+06	3.40E+06	9.00E+05	6.50E+05

FIGURE 5



The chemical structure is a steroid derivative with the following features:

- Ring System:** A four-ring steroid nucleus (A, B, C, D rings).
- Substituents:**
 - Ring A:** A methyl group (CH₃) is attached to the C-10 position. A substituent **R²** is attached to the C-13 position. A substituent **R²** is attached to the C-14 position. A substituent **R²** is attached to the C-15 position.
 - Ring B:** A methyl group (CH₃) is attached to the C-10 position. A substituent **R²** is attached to the C-13 position. A substituent **R²** is attached to the C-14 position. A substituent **R²** is attached to the C-15 position.
 - Ring C:** A methyl group (CH₃) is attached to the C-10 position. A substituent **R²** is attached to the C-13 position. A substituent **R²** is attached to the C-14 position. A substituent **R²** is attached to the C-15 position.
 - Ring D:** A methyl group (CH₃) is attached to the C-10 position. A substituent **R²** is attached to the C-13 position. A substituent **R²** is attached to the C-14 position. A substituent **R²** is attached to the C-15 position.
- Functional Groups:** A ketone group (C=O) is attached to the C-17 position. A substituent **R²** is attached to the C-18 position. A substituent **R²** is attached to the C-19 position.

FIG. 6

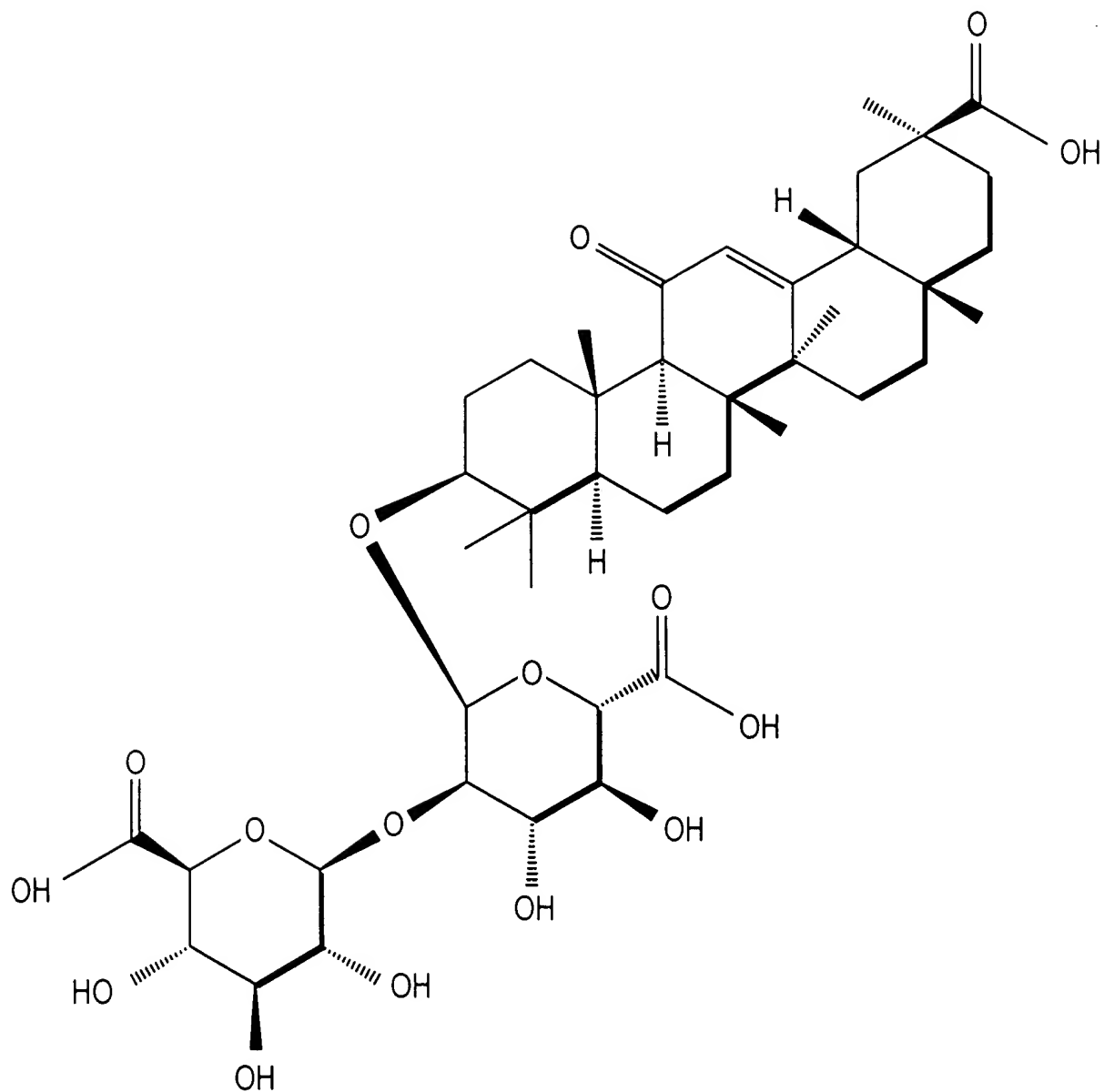


FIG. 7

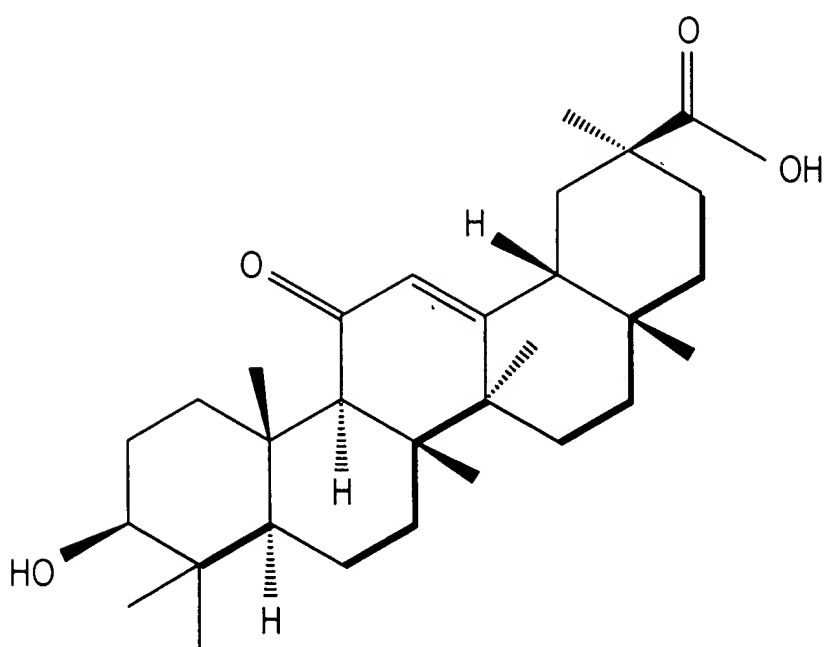


FIG. 8

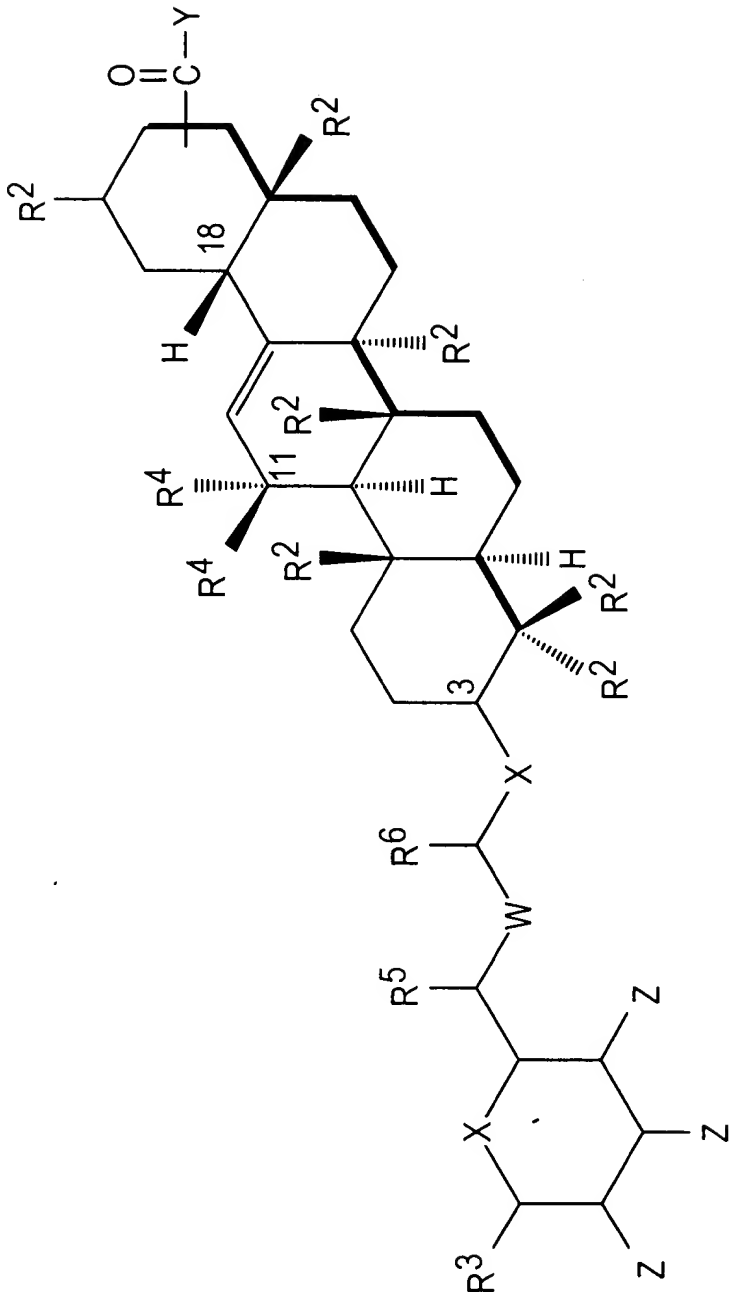
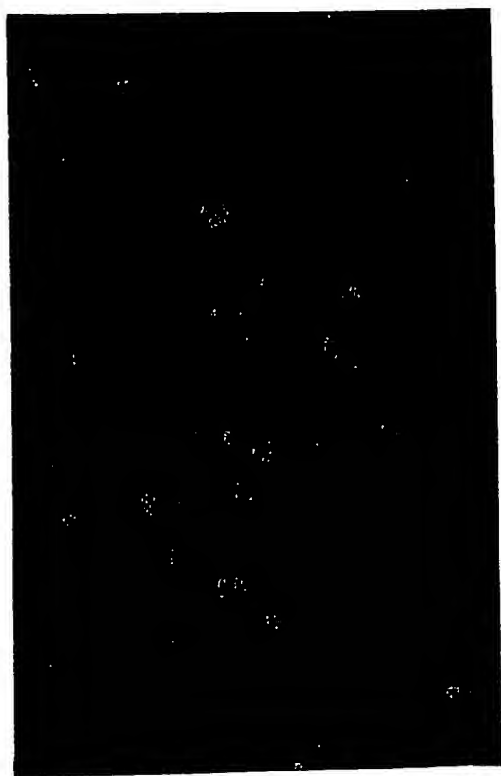
[illegible]

FIG. 9

A



B

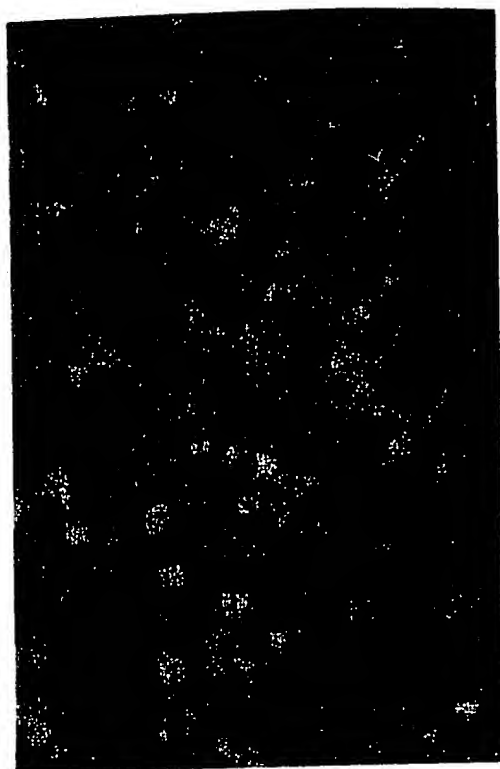
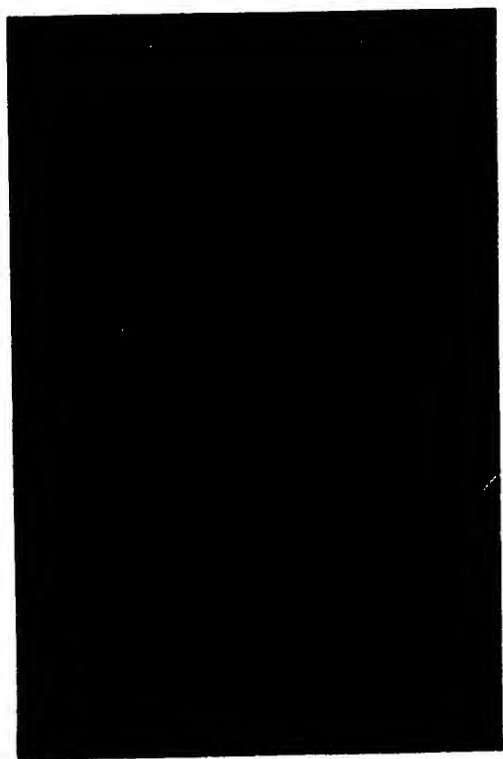
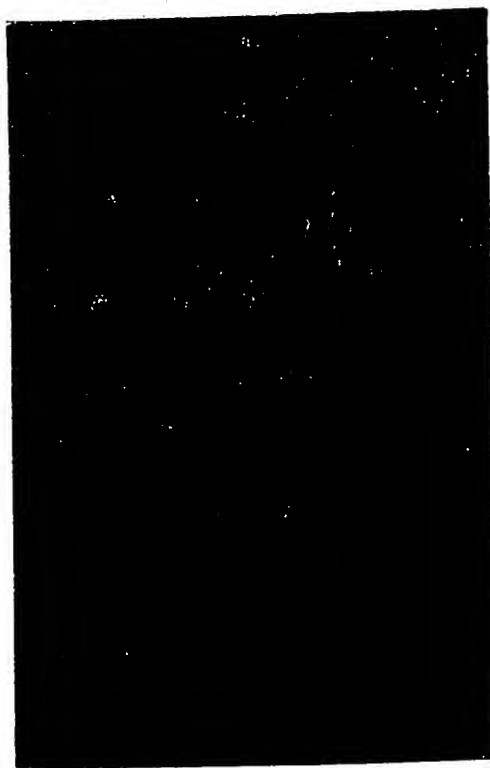


Figure 10

C



D



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